

### ⑬實用新案出願公開

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審查請求 有 (全2頁)

④考案の名称 吸盤付物掛具

②獎 願 昭59-193969

出 照 59(1984)12月21日

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### ⑤実用新案登録請求の範囲

硬質材で逆さ碗形に成形した押え部4の、山形にした収容部6の端縁を延長して、幅広い押え部7にし、これを軟質材で成形した吸盤1の接着縁1'上に重ね、押え部7を吸盤1より少許大径にし、その先端縁を下向きに突出させて突縁8を設け、突縁8の吸盤1の接着縁1'を被覆し、押え部4の頂部5に吸盤1の引上げ用の螺釘3を緩挿し、螺釘3を物掛用把手9に螺合させた吸盤付物掛具。

### 図面の簡単な説明

第1図はこの考案品の吸着状態を示す縦断正面図、第2図は同じく吸着着手の状態を示す縦断正面図、第3図を一部を欠載して示した平面図である。

1 ……吸盤、1' ……接着縁、4 ……押え腕、  
5 ……押え腕の頂部、6 ……押え腕の収容部、7  
……押え腕の押え部、8 ……突条、9 ……物掛用  
把手。

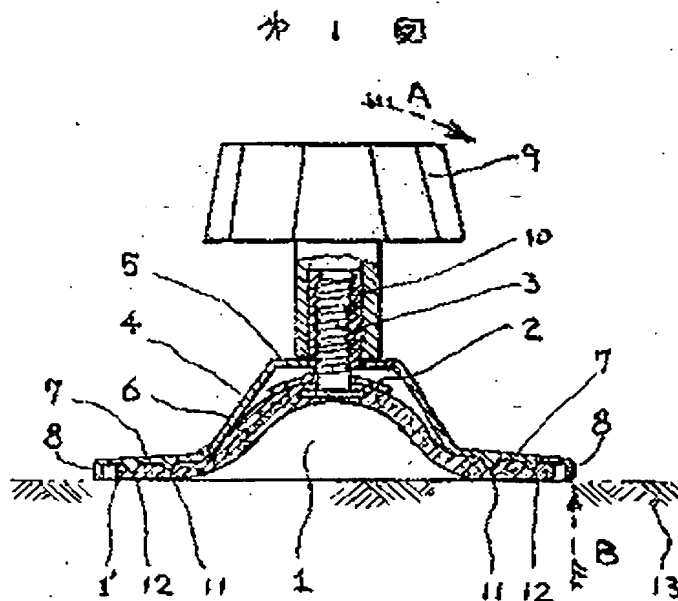


図 2

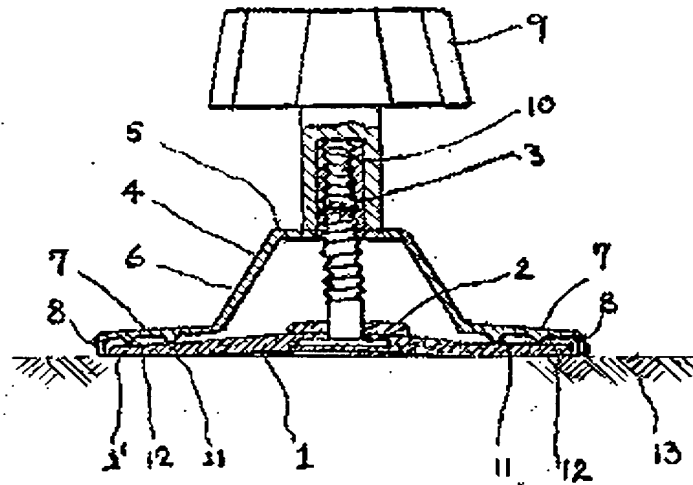
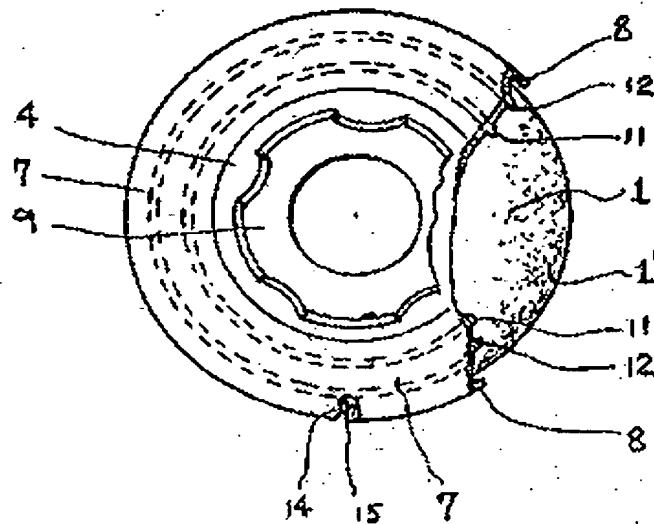


図 3



**(19) JIPO****(12) Utility Model Publication Gazette**

(11) Japanese Utility Model Laid-Open Publication No. Sho61-109367

5 (43) Date of publication of application: July 11, 1987

(54) Title: Hanging-type suction device

(72) Devisor: Omitted

(71) Applicant: Omitted

(57) Claims:

10 A hanging-type suction device comprising: an inverted dish-like pressing plate 4 made of a hard material, the inverted dish-like pressing plate having a central receiving portion 6 formed in a frusto-conical shape and a peripheral pressing portion 7 having a large width and extending  
15 outwardly from a circumferential edge of the receiving portion 6; a disc-like suction plate 1 positioned below the peripheral pressing portion 7 of the pressing plate 4, the suction plate 1 being made of soft material and having a contact portion 1'; a screw rod 3 installed vertically at a  
20 center portion of a flat top portion 5 of the central receiving portion 6 so as to allow the suction plate 1 to be pulled up upon the sucking operation; and a grip 9 fit around the screw rod 5 in such fashion as to be screw-engaged with the screw rod 5,

25 wherein the peripheral pressing portion 7 is slightly

larger in diameter than the suction plate 1 and is formed with a rim portion 8 protruding downwardly from a circumferential edge thereof, so that the peripheral pressing portion 7 is superposed on the contact portion 1' of the disc-like suction plate 1 in such fashion that the rim portion 8 surrounds the contact portion 1'.

**【Description of Drawings】**

FIG. 1 is a vertical cross-sectional view illustrating a hanging-type suction device in a sucking state according to the present device;

FIG. 2 is a vertical cross-sectional view illustrating a hanging-type suction device in an initial sucking state according to the present device; and

FIG. 3 is a partial top plan view illustrating a state in which a hanging-type suction device is incised partially according to the present device.

**【Drawings】**

Omitted